

***Initial Parameter List For Sensitivity/Uncertainty Analysis And Output DSN from the UCI file.,,,

,,,,""**Following Output IDs are the first two ID read from the EXT TARGET block of the UCI file. You can add more.,,,

,,,,""**Locations,RCH630,RCH635,RCH637,RCH640,RCH650,RCH660,RCH670,RCH800,RCH810,RCH820, RCH830,RCH840,RCH850,RCH860,RCH870,RCH880,RCH890,RCH752,RCH512,RCH523,RCH524,,,,

,,,,""DSN,6320,9635,9637,6420,9650,9660,9670,9800,9810,9820,9830,9840,9850,9860,8690,9880,9890,752 7,5130,5250,5255,,,,

,,,,""***The operation number, land use, tied with next, and multiplier can be left blank",,,

,,,,""ParmID,OPN_Type,Table_Name,Parm_Name,Occur_Or_MLNumber,Mult_Factor_FG,OPN_Number_Or _Name,Lower_Limit,Upper_Limit,Comments (This column will be ignored by HSPEXP+),,,

1,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,2,1,,,PO4 MASS Link,,,

2,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,2,1,,,NO3 MASS Link,,,

3,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,2,1,,,TAM MASS LINK,,,

4,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,2,1,,,BOD MASS LINK,,,

5,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,2,1,,,OrgN MASS LINK,,,

6,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,2,1,,,OrgP MASS LINK,,,

7,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,2,1,,,OrgC MASS LINK,,,

8,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,5,1,,,PO4 Surface water Outflow,,,

9,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,5,1,,,PO4 Surface water Outflow with water from upper layer storage,,,

10,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,5,1,,,PO4 outflow with water from active groundwater,,

11,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,5,1,,,adsorbed PO4,,,

12,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,5,1,,,adsorbed

PO4,,
13.,MASS-LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,5,1,,,Nitrate,,
14.,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
15.,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
16.,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
17.,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,5,1,,,adsorbed
NH3,,
18.,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,5,1,,,adsorbed
NH3,,
19.,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,5,1,,,Refractory Organic
N,,
20.,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,5,1,,,Labile Org
N,,
21.,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,5,1,,,Refractory Organic
P,,
22.,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,5,1,,,Refractory Organic
C,,
23.,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,1,1,,,PO4 MASS
Link,,
24.,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,1,1,,,NO3 MASS
Link,,
25.,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,1,1,,,TAM MASS
LINK,,
26.,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,1,1,,,BOD MASS
LINK,,
27.,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,1,1,,,OrgN MASS
LINK,,
28.,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,1,1,,,OrgP MASS
LINK,,
29.,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,1,1,,,OrgC MASS
LINK,,
30,Point,EXTNL-SOURCES,NUIF1:4:0,,1,102-420,,Point Source of
PO4,,

31,Point,EXTNL-SOURCES,NUIF1:1:0,,1,102-420,,,Point Source of
NO3,.....

32,Point,EXTNL-SOURCES,NUIF1:2:0,,1,102-420,,,Point Source of
TAM,.....

33,Point,EXTNL-SOURCES,OXIF:2:0,,1,102-420,,,Point Source of
BOD,.....

34,Point,EXTNL-SOURCES,PKIF:3:0,,1,102-420,,,Point source of
OrgN,.....

35,Point,EXTNL-SOURCES,PKIF:4:0,,1,102-420,,,Point Source of
OrgP,.....

36,Point,EXTNL-SOURCES,PKIF:5:0,,1,102-420,,,Point Source of
OrgC,.....

37,Point,EXTNL-SOURCES,NUIF1:4:0,,1,703,,Point Source of
PO4,.....

38,Point,EXTNL-SOURCES,NUIF1:1:0,,1,703,,Point Source of
NO3,.....

39,Point,EXTNL-SOURCES,NUIF1:2:0,,1,703,,Point Source of
TAM,.....

40,Point,EXTNL-SOURCES,OXIF:2:0,,1,703,,Point Source of
BOD,.....

41,Point,EXTNL-SOURCES,PKIF:3:0,,1,703,,Point source of
OrgN,.....

42,Point,EXTNL-SOURCES,PKIF:4:0,,1,703,,Point Source of
OrgP,.....

43,Point,EXTNL-SOURCES,PKIF:5:0,,1,703,,Point Source of
OrgC,.....

44,RCHRES,NUT-BEDCONC,BNH4(1),,1,100-
500,.....

45,RCHRES,NUT-BEDCONC,BNH4(2),,1,100-
500,.....

46,RCHRES,NUT-BEDCONC,BNH4(3),,1,100-
500,.....

47,RCHRES,NUT-BEDCONC,BPO4(1),,1,100-
500,.....

48,RCHRES,NUT-BEDCONC,BPO4(2),,1,100-
500,.....

49,RCHRES,NUT-BEDCONC,BPO4(3),,1,100-
500,.....

50,RCHRES,NUT-BEDCONC,BNH4(1),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

51,RCHRES,NUT-BEDCONC,BNH4(2),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

52,RCHRES,NUT-BEDCONC,BNH4(3),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

53,RCHRES,NUT-BEDCONC,BPO4(1),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

54,RCHRES,NUT-BEDCONC,BPO4(2),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

55,RCHRES,NUT-BEDCONC,BPO4(3),,1,514-516,,Flint Creek in AR - Applied commensurate reduction
(90%),,,

56,RCHRES,NUT-BEDCONC,BNH4(1),,1,600-
610,,

57,RCHRES,NUT-BEDCONC,BNH4(2),,1,600-
610,,

58,RCHRES,NUT-BEDCONC,BNH4(3),,1,600-
610,,

59,RCHRES,NUT-BEDCONC,BPO4(1),,1,600-
610,,

60,RCHRES,NUT-BEDCONC,BPO4(2),,1,600-
610,,

61,RCHRES,NUT-BEDCONC,BPO4(3),,1,600-
610,,

62,RCHRES,NUT-BEDCONC,BNH4(1),,1,702-
708,,

63,RCHRES,NUT-BEDCONC,BNH4(2),,1,702-
708,,

64,RCHRES,NUT-BEDCONC,BNH4(3),,1,702-
708,,

65,RCHRES,NUT-BEDCONC,BPO4(1),,1,702-
708,,

66,RCHRES,NUT-BEDCONC,BPO4(2),,1,702-
708,,

67,RCHRES,NUT-BEDCONC,BPO4(3),,1,702-
708,,

68,RCHRES,NUT-

BEDCONC,BNH4(1),,1,714,,
69,RCHRES,NUT-
BEDCONC,BNH4(2),,1,714,,
70,RCHRES,NUT-
BEDCONC,BNH4(3),,1,714,,
71,RCHRES,NUT-
BEDCONC,BPO4(1),,1,714,,
72,RCHRES,NUT-
BEDCONC,BPO4(2),,1,714,,
73,RCHRES,NUT-
BEDCONC,BPO4(3),,1,714,,
***The parameters below are for the locations in
Oklahoma,,
74,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,21,1,,,PO4 MASS
Link,,
75,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,21,1,,,NO3 MASS
Link,,
76,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,21,1,,,TAM MASS
LINK,,
77,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,21,1,,,BOD MASS
LINK,,
78,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,21,1,,,OrgN MASS
LINK,,
79,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,21,1,,,OrgP MASS
LINK,,
80,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,21,1,,,OrgC MASS
LINK,,
81,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,51,1,,,PO4 Surface water
Outflow,,
82,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,51,1,,,PO4 Surface water Outflow with water
from upper layer
Storage,,
83,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,51,1,,,PO4 outflow with water from active
groundwater,,
84,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,51,1,,,adsorbed
PO4,,
85,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,51,1,,,adsorbed
PO4,,

86,,MASS-
LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,51,1,,,Nitrate,,
87,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,
88,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,
89,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,
90,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,51,1,,,adsorbed
NH3,,
91,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,51,1,,,adsorbed
NH3,,
92,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,51,1,,,Refractory Organic
N,,
93,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,51,1,,,Labile Org
N,,
94,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,51,1,,,Refractory Organic
P,,
95,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,51,1,,,Refractory Organic
C,,
96,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,11,1,,,PO4 MASS
Link,,
97,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,11,1,,,NO3 MASS
Link,,
98,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,11,1,,,TAM MASS
LINK,,
99,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,11,1,,,BOD MASS
LINK,,
100,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,11,1,,,OrgN MASS
LINK,,
101,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,11,1,,,OrgP MASS
LINK,,
102,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,11,1,,,OrgC MASS
LINK,,
103,Point,EXTNL-SOURCES,NUIF1:4:0,1,516,,,Point Source of
PO4,,
104,Point,EXTNL-SOURCES,NUIF1:1:0,1,516,,,Point Source of

NO3,,,""105,Point,EXTNL-SOURCES,NUIF1:2:0,,1,516,,Point Source of
TAM,,,""106,Point,EXTNL-SOURCES,OXIF:2:0,,1,516,,Point Source of
BOD,,,""107,Point,EXTNL-SOURCES,PKIF:3:0,,1,516,,Point source of
OrgN,,,""108,Point,EXTNL-SOURCES,PKIF:4:0,,1,516,,Point Source of
OrgP,,,""109,Point,EXTNL-SOURCES,PKIF:5:0,,1,516,,Point Source of
OrgC,,,""110,Point,EXTNL-SOURCES,NUIF1:4:0,,1,809-902,,Point Source of
PO4,,,""111,Point,EXTNL-SOURCES,NUIF1:1:0,,1,809-902,,Point Source of
NO3,,,""112,Point,EXTNL-SOURCES,NUIF1:2:0,,1,809-902,,Point Source of
TAM,,,""113,Point,EXTNL-SOURCES,OXIF:2:0,,1,809-902,,Point Source of
BOD,,,""114,Point,EXTNL-SOURCES,PKIF:3:0,,1,809-902,,Point source of
OrgN,,,""115,Point,EXTNL-SOURCES,PKIF:4:0,,1,809-902,,Point Source of
OrgP,,,""116,Point,EXTNL-SOURCES,PKIF:5:0,,1,809-902,,Point Source of
OrgC,,,""117,RCHRES,NUT-
BEDCONC,BNH4(1),,1,512,,,""118,RCHRES,NUT-
BEDCONC,BNH4(2),,1,512,,,""119,RCHRES,NUT-
BEDCONC,BNH4(3),,1,512,,,""120,RCHRES,NUT-
BEDCONC,BPO4(1),,1,512,,,""121,RCHRES,NUT-
BEDCONC,BPO4(2),,1,512,,,""122,RCHRES,NUT-
BEDCONC,BPO4(3),,1,512,,,""

123,RCHRES,NUT-BEDCONC,BNH4(1),,1,516-
524,,
124,RCHRES,NUT-BEDCONC,BNH4(2),,1,516-
524,,
125,RCHRES,NUT-BEDCONC,BNH4(3),,1,516-
524,,
126,RCHRES,NUT-BEDCONC,BPO4(1),,1,516-
524,,
127,RCHRES,NUT-BEDCONC,BPO4(2),,1,516-
524,,
128,RCHRES,NUT-BEDCONC,BPO4(3),,1,516-
524,,
129,RCHRES,NUT-BEDCONC,BNH4(1),,1,612-
670,,
130,RCHRES,NUT-BEDCONC,BNH4(2),,1,612-
670,,
131,RCHRES,NUT-BEDCONC,BNH4(3),,1,612-
670,,
132,RCHRES,NUT-BEDCONC,BPO4(1),,1,612-
670,,
133,RCHRES,NUT-BEDCONC,BPO4(2),,1,612-
670,,
134,RCHRES,NUT-BEDCONC,BPO4(3),,1,612-
670,,
135,RCHRES,NUT-BEDCONC,BNH4(1),,1,712,,Baron Fork in
Oklahoma,,
136,RCHRES,NUT-BEDCONC,BNH4(2),,1,712,,Baron Fork in
Oklahoma,,
137,RCHRES,NUT-BEDCONC,BNH4(3),,1,712,,Baron Fork in
Oklahoma,,
138,RCHRES,NUT-BEDCONC,BPO4(1),,1,712,,Baron Fork in
Oklahoma,,
139,RCHRES,NUT-BEDCONC,BPO4(2),,1,712,,Baron Fork in
Oklahoma,,
140,RCHRES,NUT-BEDCONC,BPO4(3),,1,712,,Baron Fork in
Oklahoma,,
141,RCHRES,NUT-BEDCONC,BNH4(1),,1,800-
938,,

142,RCHRES,NUT-BEDCONC,BNH4(2),,1,800-
938,,

143,RCHRES,NUT-BEDCONC,BNH4(3),,1,800-
938,,

144,RCHRES,NUT-BEDCONC,BPO4(1),,1,800-
938,,

145,RCHRES,NUT-BEDCONC,BPO4(2),,1,800-
938,,

146,RCHRES,NUT-BEDCONC,BPO4(3),,1,800-
938,,

***The parameters below are for Flint Creek in Arkansas

147,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,22,1,,,PO4 MASS
Link,,

148,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,22,1,,,NO3 MASS
Link,,

149,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,22,1,,,TAM MASS
LINK,,

150,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,22,1,,,BOD MASS
LINK,,

151,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,22,1,,,OrgN MASS
LINK,,

152,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,22,1,,,OrgP MASS
LINK,,

153,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,22,1,,,OrgC MASS
LINK,,

154,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,52,1,,,PO4 Surface water
Outflow,,

155,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,52,1,,,PO4 Surface water Outflow with water
from upper layer
storage,,

156,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,52,1,,,PO4 outflow with water from active
groundwater,,

157,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,52,1,,,adsorbed
PO4,,

158,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,52,1,,,adsorbed
PO4,,

159,,MASS-
LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,52,1,,,Nitrate,,,"

160,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

161,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

162,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

163,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,52,1,,,adsorbed
NH3,,,"

164,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,52,1,,,adsorbed
NH3,,,"

165,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,52,1,,,Refractory Organic
N,,,"

166,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,52,1,,,Labile Org
N,,,"

167,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,52,1,,,Refractory Organic
P,,,"

168,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,52,1,,,Refractory Organic
C,,,"

169,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,12,1,,,PO4 MASS
Link,,,"

170,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,12,1,,,NO3 MASS
Link,,,"

171,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,12,1,,,TAM MASS
LINK,,,"

172,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,12,1,,,BOD MASS
LINK,,,"

173,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,12,1,,,OrgN MASS
LINK,,,"

174,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,12,1,,,OrgP MASS
LINK,,,"

175,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,12,1,,,OrgC MASS
LINK,,,"

176,RCHRES,NUT-BEDCONC,BNH4(1),,1,502-
508,,,"

177,RCHRES,NUT-BEDCONC,BNH4(2),,1,502-
508,,,"

178,RCHRES,NUT-BEDCONC,BNH4(3),,1,502-
508,,

179,RCHRES,NUT-BEDCONC,BPO4(1),,1,502-
508,,

180,RCHRES,NUT-BEDCONC,BPO4(2),,1,502-
508,,

181,RCHRES,NUT-BEDCONC,BPO4(3),,1,502-
508,,

182,Point,EXTNL-SOURCES,NUIF1:4:0,1,506,,,Gentry and SWEPCO Point Source of
PO4,,

183,Point,EXTNL-SOURCES,NUIF1:1:0,1,506,,,Gentry and SWEPCO Point Source of
NO3,,

184,Point,EXTNL-SOURCES,NUIF1:2:0,1,506,,,Gentry and SWEPCO Point Source of
TAM,,

185,Point,EXTNL-SOURCES,OXIF:2:0,,1,506,,,Gentry and SWEPCO Point Source of
BOD,,

186,Point,EXTNL-SOURCES,PKIF:3:0,,1,506,,,Gentry and SWEPCO Point source of
OrgN,,

187,Point,EXTNL-SOURCES,PKIF:4:0,,1,506,,,Gentry and SWEPCO Point Source of
OrgP,,

188,Point,EXTNL-SOURCES,PKIF:5:0,,1,506,,,Gentry and SWEPCO Point Source of
OrgC,,

***The parameters below are for Baron
Fork,,

189,Point,EXTNL-SOURCES,NUIF1:4:0,1,725,,,Point Source of
PO4,,

190,Point,EXTNL-SOURCES,NUIF1:1:0,1,725,,,Point Source of
NO3,,

191,Point,EXTNL-SOURCES,NUIF1:2:0,1,725,,,Point Source of
TAM,,

192,Point,EXTNL-SOURCES,OXIF:2:0,,1,725,,,Point Source of
BOD,,

193,Point,EXTNL-SOURCES,PKIF:3:0,,1,725,,,Point source of
OrgN,,

194,Point,EXTNL-SOURCES,PKIF:4:0,,1,725,,,Point Source of
OrgP,,

195,Point,EXTNL-SOURCES,PKIF:5:0,,1,725,,,Point Source of

OrgC,,,...,.....
196,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,23,1,,,PO4 MASS
Link,,,...,.....
197,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,23,1,,,NO3 MASS
Link,,,...,.....
198,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,23,1,,,TAM MASS
LINK,,,...,.....
199,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,23,1,,,BOD MASS
LINK,,,...,.....
200,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,23,1,,,OrgN MASS
LINK,,,...,.....
201,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,23,1,,,OrgP MASS
LINK,,,...,.....
202,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,23,1,,,OrgC MASS
LINK,,,...,.....
203,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,53,1,,,PO4 Surface water
Outflow,,,...,.....
204,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,53,1,,,PO4 Surface water Outflow with water
from upper layer
storage,,,...,.....
205,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,53,1,,,PO4 outflow with water from active
groundwater,,,...,.....
206,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,53,1,,,adsorbed
PO4,,,...,.....
207,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,53,1,,,adsorbed
PO4,,,...,.....
208,,MASS-
LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,53,1,,,Nitrate,,,...,.....
209,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,53,1,,,Dissolved
NH3,,,...,.....
210,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,53,1,,,Dissolved
NH3,,,...,.....
211,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,53,1,,,Dissolved
NH3,,,...,.....
212,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,53,1,,,adsorbed
NH3,,,...,.....
213,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,53,1,,,adsorbed
NH3,,,...,.....

214,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,53,1,,,Refractory Organic
N,,

215,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,53,1,,,Labile Org
N,,

216,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,53,1,,,Refractory Organic
P,,

217,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,53,1,,,Refractory Organic
C,,

218,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,13,1,,,PO4 MASS
Link,,

219,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,13,1,,,NO3 MASS
Link,,

220,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,13,1,,,TAM MASS
LINK,,

221,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,13,1,,,BOD MASS
LINK,,

222,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,13,1,,,OrgN MASS
LINK,,

223,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,13,1,,,OrgP MASS
LINK,,

224,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,13,1,,,OrgC MASS
LINK,,

225,RCHRES,NUT-BEDCONC,BNH4(1),,1,716-
752,,

226,RCHRES,NUT-BEDCONC,BNH4(2),,1,716-
752,,

227,RCHRES,NUT-BEDCONC,BNH4(3),,1,716-
752,,

228,RCHRES,NUT-BEDCONC,BPO4(1),,1,716-
752,,

229,RCHRES,NUT-BEDCONC,BPO4(2),,1,716-
752,,

230,RCHRES,NUT-BEDCONC,BPO4(3),,1,716-
752,,

Delete intermediate UCI
files?,0,,

***Following lines list the multiplication factor for each parameter for each

